

Product datasheet for **TP504592**

Prps2 (BC024942) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoribosyl pyrophosphate synthetase 2 (cDNA clone MGC:28388 IMAGE:4022452), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204592 representing BC024942 Red =Cloning site Green =Tags(s)
	MPNIVLFSGSSHQDLSQRVADRLGLELGKVTKKFSNQETSVEIGESVRGEDVYIIQSGCGEINDNLMEL LIMINACKIASSSRVTAVIPCFPYARQDKKDKSRAPISAKLVANMLSVAGADHIITMDLHASQIQGFFDI PVDNLYAEPAVLQWIRENITEWRNCIIVSPDAGGAKRVTSIADRLNVEFALIHKERKKANEVDRMVLVGD VKDRVAILVDDMADTCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINSAAFEAVVVTNTIPQEDK MKHCSKIQVIDISMILAEAIRRTHNGESVSYLFSHVPL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	34.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	110639
UniProt ID:	Q9CS42
RefSeq Size:	2860



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Cytogenetics:	X 78.32 cM
RefSeq ORF:	954
Synonyms:	MGC28388
Summary:	Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.[UniProtKB/Swiss-Prot Function]